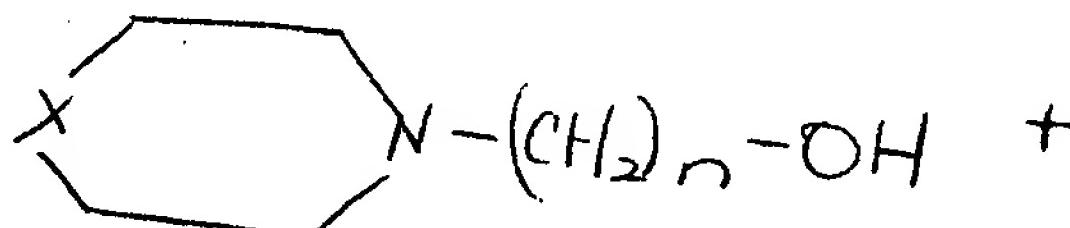


ONLINE SEARCH REQUEST FORM

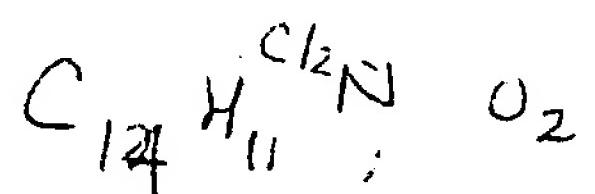
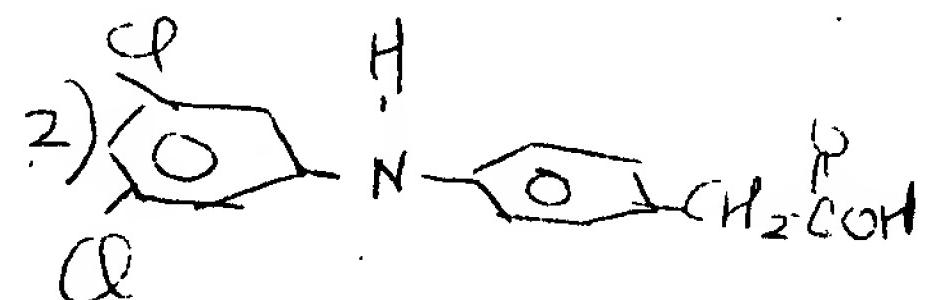
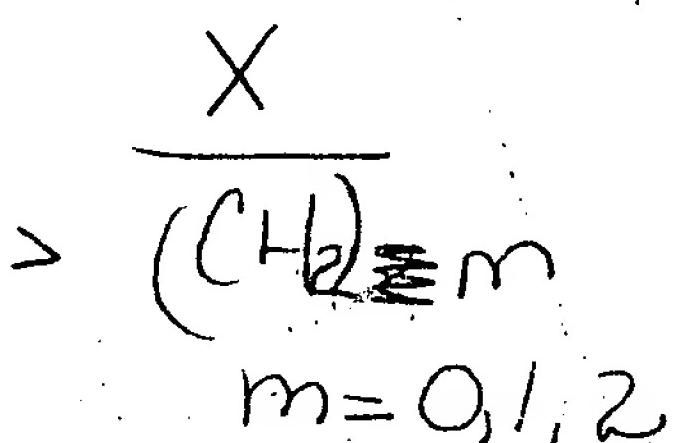
USER NoThingtonSERIAL NUMBER 67/117,283ART UNIT 121PHONE X8871DATE 2/23/88

Please give a detailed statement of requirements. Describe as specifically as possible the subject matter to be searched. Define any terms that may have special meaning. Give examples or relevant citations, authors, or keywords, if known.

You may include a copy of the broadest and or relevant claim(s).

basesalt

i) ~~diclofenac~~
~~sodium~~



> O

> S

> NR

 $R = C_{1-4}$

CRN

STAFF USE ONLY

COMPLETED 2-24-88SEARCHER JOHN D.ONLINE TIME 40

(in minutes)

TOTAL TIME 50NO. OF DATABASES 1

SYSTEMS

 CAS ONLINE DARC/QUESTEL DIALOG SDC OTHER

19

FILE 'CA' ENTERED AT 08:05:52 ON 24 FEB 88
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FILE LAST UPDATED: 20 FEB 88 (880220/ED) VOL 108 ISS 8

=> S 17 AND (DICHLOFENAC)/AB,BI

581 L7

11 (DICHLOFENAC)/AB

4 (DICHLOFENAC)/BI

L23 0 L7 AND (DICHLOFENAC)/AB,BI

=> fil hom

FILE 'HOME' ENTERED AT 08:07:15 ON 24 FEB 88

=> dis his

(FILE REGISTRY)

DEL HIS

ACT ZINA117/A

L1 SCR 1700

L2 SCR 1363 OR 1297

L3 STR

L4 STR

L5 STR

L6 STR

L7 543 SEA SSS FUL (L3 OR L4 OR L5 OR L6) AND L1 AND L2

L8 32 S L7 AND (SALT OR COMPLEX)

4 S DICLOFENAC

0 S L9 AND C12H11CL2N02

0 S L9 AND C12H12CH2N02

0 S L9 AND C12H11CL2N02

1 S DICLOFENAC/CN

E C14H11CL2N02/MF

1 S E12

215 S C14H11CL2N02

0 S L15 AND L7

0 S C14H11CL2N02/CRN

E 3333/CRN

FIL CA

FIL REG

FIL CA

1 S L7 AND L15

0 S L7 AND (DICLOFENAC)/AB,BI

FIL REG

4)S DICLOFENAC

1)S DICHLOFENAC

0 S L7 AND (DICLOFENAC OR DICHLOFENAC) STE

FIL CA

0 S L7 AND (DICHLOFENAC)/AB,BI

FIL HOM

=> fil hom

FILE 'HOME' ENTERED AT 08:07:34 ON 24 FEB 88

=>

long-wave absorption max. were used for detn. of substances having several absorption max. Agreement with Beer's law at the recommended absorption max. was verified.

KW drug detn UV spectrophotometry

IT Pharmaceutical analysis
(by UV spectrophotometry)

IT Spectrochemical analysis
(UV, of Pharmaceuticals)

IT 50-62-4 59-92-7, analysis 69-43-2 86-34-0 104-06-3 304-84-7

311-45-5 456-59-7 596-51-0 637-07-0 790-69-2 1421-14-3

2019-16-1 2508-72-7 3339-11-5 3679-64-9 5874-97-5 7411-49-6

7635-51-0 13425-22-4 13636-10-7 14261-75-7 14976-57-9

15307-79-6 15823-89-9 ***20269-19-6*** 22664-55-7

32266-10-7 56974-46-0 61732-85-2

(detn. of, UV spectrophotometric)

=> s 17 and (diclofenac)/ab,bi

581 L7

425 (DICLOFENAC)/AB

258 (DICLOFENAC)/BI

L19 0 L7 AND (DICLOFENAC)/AB, BI

=> fil res

FILE 'REGISTRY' ENTERED AT 08:03:58 ON 24 FEB 88

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STRUCTURE FILE UPDATES: HIGHEST RN 113033-11-7

DICTIONARY FILE UPDATES: 20 FEB 88 (880220/ED) HIGHEST RN 113008-08-5

=>

L13 ANSWER 1 OF 1

RN 15307-86-5

IN Benzeneacetic acid, 2-[(2,6-dichlorophenyl)amino]- (9CI)

SY Acetic acid, [o-(2,6-dichloroanilino)phenyl]- (8CI)

SY N-(2,6-Dichlorophenyl)-o-aminophenylacetic acid

SY [o-(2,6-Dichloroanilino)phenyl]acetic acid

SY 2-(2,6-Dichloroanilino)phenylacetic acid

SY Diclofenac acid

SY Diclofenac

SY Diclofenac

DR 87180-41-4, 76595-40-9

- MF C14 H11 C12 N 02

CI COM

C1

.

.

C:

C:

C. :C....NH

C. :C

: : :

: : :

C. :C

C. C

.C: . C1

.C:

HO2CCH2

424 REFERENCES IN FILE CA (1967 TO DATE)

=> \$117cand (diclofenac or dichlofenac) ste

L20 (4)DICLOFENAC

L21 (1)DICHLOFENAC

L22 0 L7 AND (DICLOFENAC OR DICHLOFENAC)

=> fil res
FILE "REGISTRY" ENTERED AT 08:00:08 ON 24 FEB 88
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STRUCTURE FILE UPDATES: HIGHEST RN 113033-11-7
DICTIONARY FILE UPDATES: 20 FEB 88 (880220/ED) HIGHEST RN 113008-08-5

=> d 17

L7 ANSWER 1 OF 543

RN 94-88-2
IN 1-PiperidinePropanol, 2-methyl- (6CI, 7CI, 8CI, 9CI)
SY 2-Methyl-1-PiperidinePropanol
MF C9 H19 N O
LC TSCA

Me. C.

C. C.

· ·
N C

· · C.

HO(CH₂)₃

REFERENCES IN FILE CAOLD (PRIOR TO 1967)

3 REFERENCES IN FILE CA (1967 TO DATE)

=> fil ca

FILE "CA" ENTERED AT 08:00:31 ON 24 FEB 88
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FILE LAST UPDATED: 20 FEB 88 (880220/ED) VOL 108 ISS 8

=> s 17 and 115

581 L7

1164 L15

L18 1 L7 AND L15

=>

=> d all

Only 1

L18 ANSWER 1 OF 1

AN CA86(14):96063x
TI Ultraviolet spectrophotometry in drug control. XX. Study on the effect of substitution and solvents in more recent medicinal substances with the chromophores of benzene rings in the molecules
AU Kracmar, J.; Alvarez Sotolongo, M.; Kracmarova, J.; Horska, E.; Petranova, J.; Moravcova, B.
CS Statni Ustav Kontroly Leciv
LO Prague, Czech.
SO Cesk. Farm., 25(7), 243-57
SC 64-3 (Pharmaceutical Analysis)
DT J
CO CKFRAY
PY 1976
LA Czech
AB Thirty RPh, RC₆H₄-alkyl, RC₆H₄-halo, RC₆H₄O-alkyl, RC₆H₄OH, RC₆H₄N-alkyl₂, RC₆H₄NO₂, RC₆H₄NH₂NHaryl, and RC₆H₄Ch:N(N:N) drugs were characterized by the absorption bands E, K, B, and R and vibration structures of the bands K and B. Absorption max. at [redacted] nm were used for quant. detn. of active substances in drugs. More specific

GRAPH ATTRIBUTES:

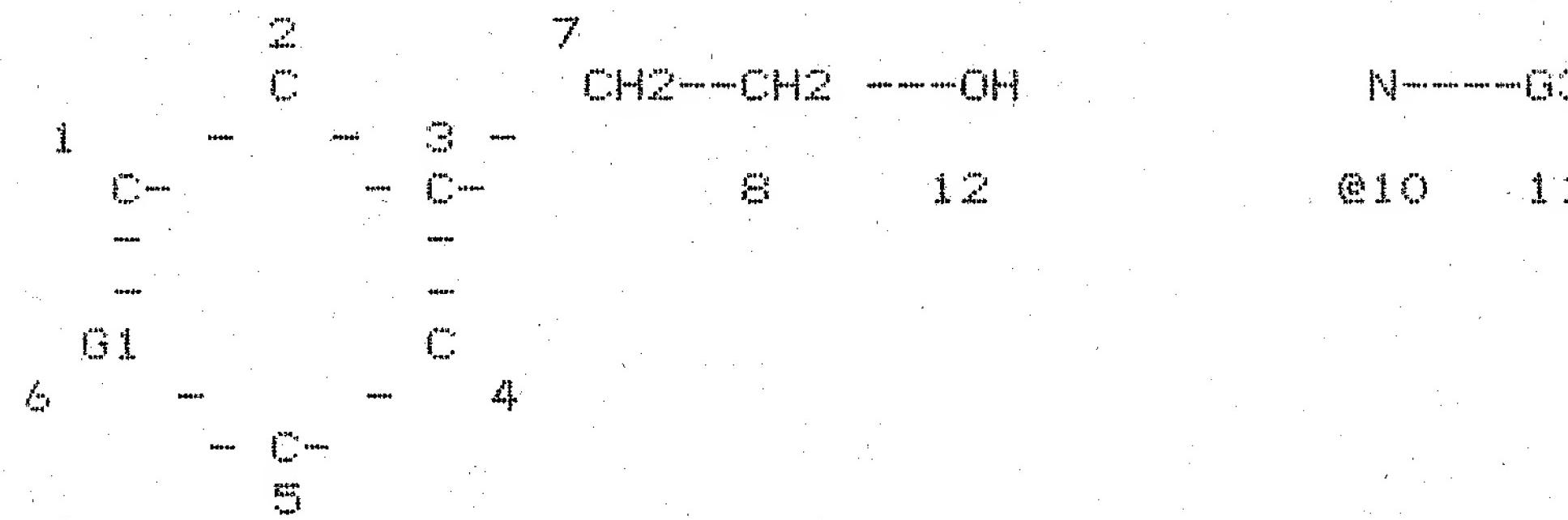
RSPEC I

NUMBER OF NODES IS 9

=> d 15

'L5' HAS NO ANSWERS

L5 STR



VAR G1=0/S/10

VAR G3=ME/ET/I-PR/N-PR/I-BU/N-BU/T-BU/S-BU

NODE ATTRIBUTES: NONE

GRAPH ATTRIBUTES:

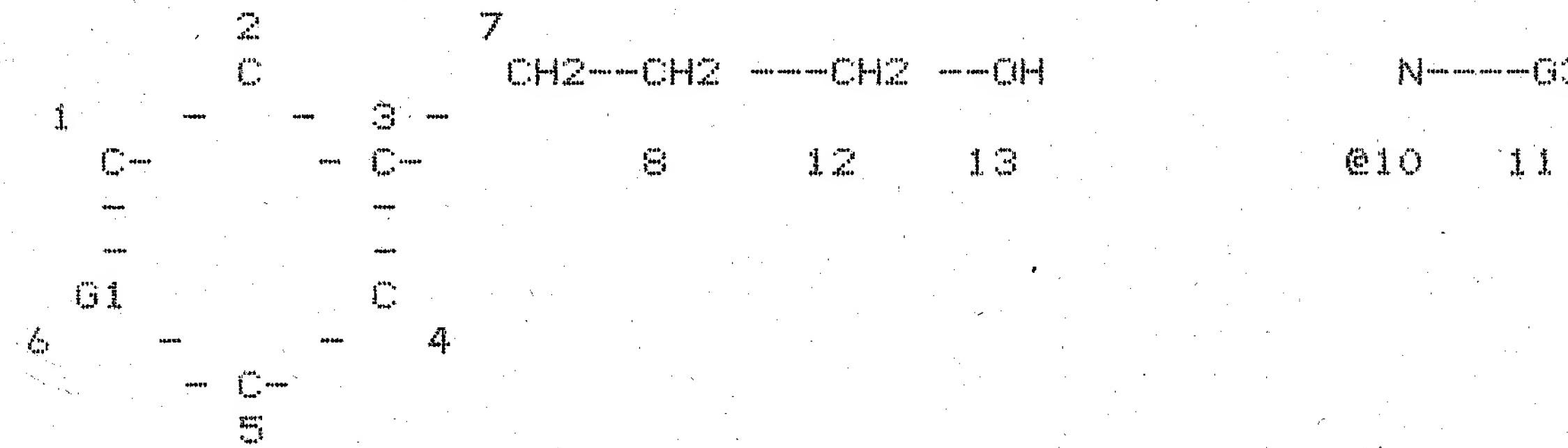
RSPEC I

NUMBER OF NODES IS 11

=> d 16

'L6' HAS NO ANSWERS

L6 STR



VAR G1=0/S/10

VAR G3=ME/ET/I-PR/N-PR/I-BU/N-BU/T-BU/S-BU

NODE ATTRIBUTES: NONE

GRAPH ATTRIBUTES:

RSPEC I

NUMBER OF NODES IS 12

=> s c14h11c12no2

L15 215 C14H11CL2N02

=> d115 and 17

L16 0 L15 AND L7

=> s t14h11c12no2/crn

L17 0 C14H11CL2N02/CRN

=>

FILE "CAI" ENTERED AT 08:00:03 ON 24 FEB 88

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FILE LAST UPDATED: 20 FEB 88 (880220/ED) VOL 108 ISS 8

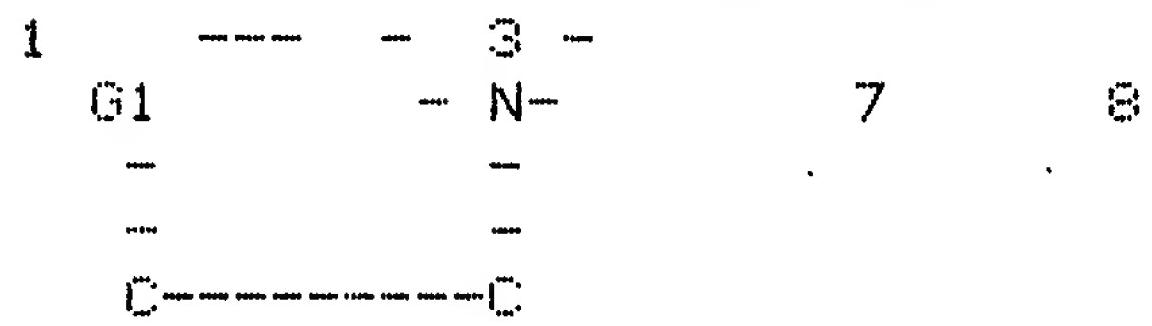
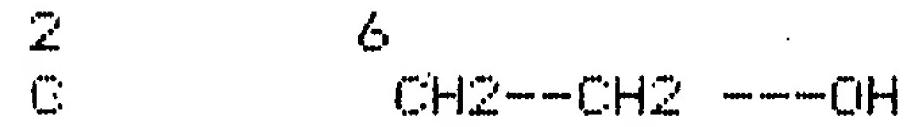
7 543 SEA SSS FUL (L3 OR L4 OR L5 OR L6) AND L1 AND L

8
9 32 S L7 AND (SALT OR COMPLEX)
L10 4 S DICLOFENAC
L11 0 S L9 AND C12H1CL2N02
L12 0 S L9 AND C12H12CH2N02
L13 1 S DICLOFENAC/CN
E C14H11CL2N02/MF
L14 1 S E12

=> d 13

'L3' HAS NO ANSWERS

L3 STR



5 4

REP G1=(1-2) CH2

NODE ATTRIBUTES: NONE

GRAPH ATTRIBUTES:

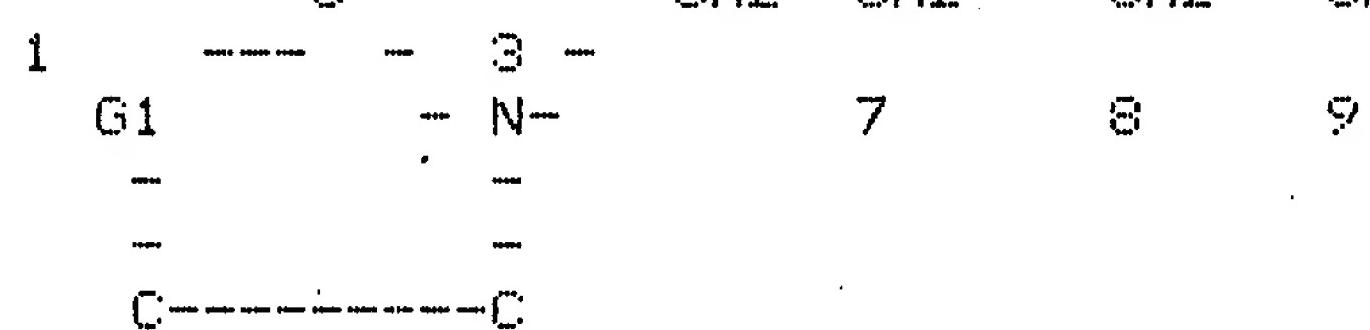
RSPEC I

NUMBER OF NODES IS 8

=> d 14

'L4' HAS NO ANSWERS

L4 STR



5 4

REP G1=(1-2) CH2

NODE ATTRIBUTES: NONE

GRAPH ATTRIBUTES:

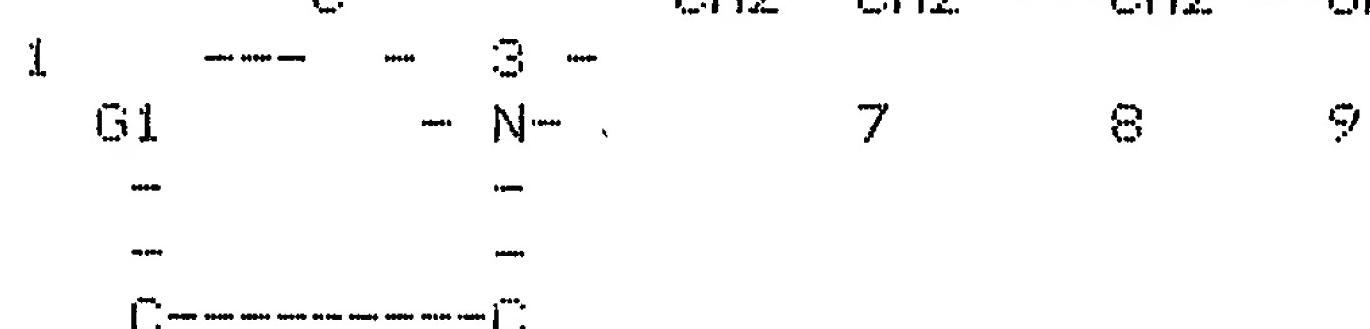
RSPEC I

NUMBER OF NODES IS 9

=> d 14

'L4' HAS NO ANSWERS

L4 STR



5 4

REP G1=(1-2) CH2